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Amendments to Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

Claims 1-6 (Cancelled).

 (Withdrawn) The molecule of claim 1, wherein the molecule comprises at least two polymers each comprising the structure:

$$A_x-B_v$$

wherein the at least two polymers are internally crosslinked via at least one Si-O-Si linkage.

 (Withdrawn) The molecule of claim 7, wherein the molecule comprises the structure of compound 4.

Claims 9-12. (Cancelled)

13. (Withdrawn) The molecule of claim 9, wherein the molecule comprises at least two polymers comprising the structure:

$$A_x-B_y-C_z$$

wherein the at least two polymers are internally crosslinked via at least one Si-O-Si linkage and chain-end crosslinked.

 (Withdrawn) The molecule of claim 13, wherein the molecule comprises the structure of compound 8. In re Application of: Wagener et al.

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 (Withdrawn) The molecule of claim 13, wherein the molecule comprises the structure of compound 11.

16. (Withdrawn) A method of making the molecule of claim 1, the method comprising the steps of:

- (a) preparing a reaction mixture comprising a carbosiloxane monomer, a carbosilane monomer, and an ADMET catalyst; and
- (b) placing the reaction mixture under conditions that result in the production of the molecule of claim 1.
- 17. (Withdrawn) The method of claim 16, wherein the reaction mixture comprises the carbosilane monomer and the carbosiloxane monomer in a molar ratio of between about 1:5 and 1:100.
- (Withdrawn) The method of claim 17, wherein the molar ratio is less than about 1:7.
- (Withdrawn) The method of claim 16, wherein the reaction mixture comprises the monomers and ADMET catalyst in a molar ratio of between about 1:1 and about 1:5000.
- 20. (Withdrawn) The method of claim 19, wherein the reaction mixture comprises the monomers and ADMET catalyst in a molar ratio of between about 1200:1 and about 100:1.
- (Withdrawn) The method of claim 16, wherein the reaction mixture further comprises a chain-end crosslinking molecule.

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- (Withdrawn) The method of claim 21, wherein the reaction mixture comprises
 the carbosilane monomer, the carbosiloxane monomer, and the chain-end crosslinking
 molecule in a molar ratio of about 1-100:1-100:1-100.
- (Withdrawn) The method of claim 21, wherein the carbosilane monomer and the chain-end crosslinking molecule comprise less than 20 mole percent of the reaction mixture.
 - 24. (Withdrawn) The method of claim 16, wherein the catalyst is selected from:

- (Withdrawn) The method of claim 16, wherein the step (b) comprises placing the reaction mixture under dry conditions.
- 26. (Withdrawn) The method of claim 16, wherein the step (b) comprises placing the reaction mixture in an argon atmosphere.
- 27. (Withdrawn) The method of claim 16, wherein the step (b) comprises subjecting the reaction mixture to a vacuum force.

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- 28. (Withdrawn) The method of claim 16, wherein the step (b) comprises adding heat to the reaction mixture.
- (Withdrawn) The method of claim 25, wherein the step (b) results in the production of a non-cross-linked polymer.
- (Withdrawn) The method of claim 29, further comprising exposing the noncross-linked polymer to water to form a cross-linked polymer.
- (Withdrawn) The method of claim 30, wherein the water is atmospheric moisture.

Claims 32 -34. (Canceled).

35. (Currently amended) The polymer of claim 32 A polymer comprising the structure:

$$\frac{(H_1CO_1)_Si(CH_2)_w[(CH=CH(CH_2)_SiR)_x(CH_2R^{mu}_2-a)_qSi(R)_x(CH_2)_y)_n}{(CH=CH(CH_2)_ySi(R')_xOSi(R')_x(CH_2)_y)_m((CH=CH(CH_2)_xSiR''_1R'''_2-r(CH_2)_x))_n]_p((CH_2)_wSi(OCH_3)_3}$$

wherein R is a latent reactive group selected from the group consisting of hydrogen, alkoxy, phenoxy, and halogen; R' is selected from the group consisting of .C₁ to C₁₈ alkyl, phenyl, hydrogen, halogen, alkoxy, and phenoxy; R" is methyl; R" is selected from the group consisting of methyl, (CH₂)₂CH=CH₂ and (CH₂)₂CH=, wherein (CH₂)₃CH= is a branching site whereby adjacent polymers are cross-linked; R"" is independently selected from the group consisting of methyl, alkoxy, alkylamino, dialkylamino, and 3,5-

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(dimethoxymethylsilyl)phenyl; a is 0 to 2; m and n are independently 1 to 100,000; o is 0 to 1; p is 1 through 100,000; q is 2 to 18; and w, x, y, and z are independently 2 to 16.

wherein R is methoxy; and,

wherein R" is methyl, R" is selected from the group consisting of (CH₂)₂CH=CH₂ and (CH₂)₂CH=, wherein (CH₂)₂CH= is a branching site whereby adjacent polymers are crosslinked: r is 1; and.

wherein R"" is methoxy; o is 0; and s is 1.

36. (Currently amended) A polymer comprising the structure:

 $\frac{\{(CH=CH(CH_2)_3Si(OCH_3)_2CH_2Si(OCH_3)_2(CH_2)_3)\}_n}{\{(CH=CH(CH_2)_9(OCH_2CH_2)_3(CH_2)_9\}_n\{(CH=CH(CH_2)_3SiCH_3R'''(CH_2)_3\})_n\}_n}$

wherein, m and n are independently 1 to 100,000; o is equal to or greater than 1; \underline{q} is 2 through 20 and p is 1 through 100,000.